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LISTING OF THE CLAIMS

1   1. (Original) A method for doing call classification on
2   a call to a destination endpoint, comprising the steps of:
3   receiving audio information from the destination
4   endpoint;
5   concurrently analyzing using automatic speech
6   recognition the received audio information for a first type of
7   classification and a second type of classification; and
8   determining a call classification for the destination
9   endpoint in response to the step of analyzing.

1   2. (Original) The method of claim 1 wherein the first
2   type of classification is for words.

1   3. (Original) The method of claim 2 wherein the
2   analyzed words are formed as phrases.

1   4. (Original) The method of claim 2 wherein the
2   second type of classification is for tones.

1   5. (Original) The method of claim 4 wherein the step
2   of analyzing comprises the step of executing a Hidden Markov
3   Model to determine the presence of words or tones in the audio
4   information.

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1   6. (Original) The method of claim 5 wherein the step

2   of executing comprises the step of using a grammar for speech

3   and tones.

1   7. (Original) The method of claim 6 wherein the step

2   of determining comprises the step of executing an inference

3   engine.

1   8. (Original) A method for doing call classification on

2   a call to a destination endpoint, comprising the steps of:

3   receiving audio information from the destination

4   endpoint;

5   concurrently analyzing using automatic speech

6   recognition the received audio information for words and tones;

7   and

8   determining a call classification for the destination

9   endpoint in response to the analysis for words and tones.

1   9. (Original) The method of claim 8 wherein the step

2   of analyzing for speech comprises the step of executing a

3   Hidden Markov Model to determine the presence of words or

4   tones in the audio information.

1   10. (Original) The method of claim 9 wherein the step

2   of executing comprises the step of using a grammar for speech

3   and tones.

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1   **11. (Original)** The method of claim 10 wherein the

2 step of determining comprises the step of executing an

3 inference engine.

1   **12. (Original)** A method for doing call classification by

2 an automatic speech recognition unit on a call to a destination

3 endpoint, comprising the steps of:

4   receiving audio information from the destination

5 endpoint by the automatic speech recognition unit;

6   concurrently analyzing using automatic speech

7 recognition the received audio information for a first type of

8 classification and a second type of classification by the

9 automatic speech recognition unit; and

10   determining a call classification for the destination

11 endpoint in response to the step of analyzing by the automatic

12 speech recognition unit.

1   **13. (Original)** The method of claim 12 wherein the

2 first type of classification is for words.

1   **14. (Original)** The method of claim 13 wherein the

2 analyzed words are formed as phrases.

1   **15. (Original)** The method of claim 13 wherein the

2 second type of classification is for tones.

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1   16. (Original) The method of claim 15 wherein the

2   step of analyzing comprises the step of executing a Hidden

3   Markov Model to determine the presence of words or tones in

4   the audio information.

1   17. (Original) The method of claim 16 wherein the

2   step of executing comprises the step of using a grammar for

3   speech and tones.

1   18. (Original) The method of claim 17 wherein the

2   step of determining comprises the step of executing an

3   inference engine.

1   19. (Original) A call classifier for determining the call

2   classification of a called destination endpoint, comprising:

3   an automatic speech recognizer for detecting first and

4   second characteristics in audio information received from the

5   called destination endpoint; and

6   inference engine for classifying the call in response to

7   the automatic speech recognizer.

1   20. (Original) The call classifier of claim 19 wherein

2   the first characteristics are words.

1   21. (Original) The call classifier of claim 20 wherein

2   the words are formed into phrases.

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1   22. (Original) The call classifier of claim 20 wherein

2 the second characteristics are tones.

1   23. (Original) The call classifier of claim 22 wherein

2 the automatic speech recognizer is executing a Hidden Markov

3 Model.